

Applicant: Houston *et al.*  
For: SMART CULTURE VESSEL

### ABSTRACT OF DISCLOSURE

A smart culture vessel for holding a sample to be tested in a culture medium includes a bio-sensor, in the vessel in the culture medium with a sample, having a coating for attracting at least one pathogen expected in the sample and a detection device responsive to the bio-sensor for indicating the presence of the pathogen on the bio-sensor.

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